

**Notice of Allowability**

Application No.

10/050,774

Examiner

Tuan V. Thai

Applicant(s)

DENNIE, SHAUN

Art Unit

2186

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed 11/22/2006.
2. ☒ The allowed claim(s) is/are 23-26 and 30-34 renumbered as 1-9 respectively.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

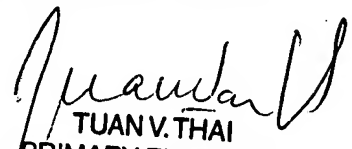
\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

  
TUAN V. THAI  
PRIMARY EXAMINER  
62002100

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Attorney's Docket No.: 06502.0207.01

IN THE UNITED STATES PATENT AND  
TRADEMARK OFFICE

In re application of: Dennie, Shaun      Group: 2186  
Serial No.: 10/050,774      Examiner: Tuan Thai  
For: **PROTOCOL FOR COORDINATING THE DISTRIBUTION OF SHARED  
MEMORY.**

1. This action is responsive to communication filed November 22, 2006. The rejection of claim 30 under 35 U.S.S. 112, first paragraph is hereby withdrawn. Claims 23-26 and 30-34 are now allowed. Claims 1-22 and 27-27 have been canceled.

**REASONS FOR ALLOWANCE**

2. The following is an Examiner's Statement of Reasons for Allowance:

The prior arts of record do not teach nor suggest, either alone or in combination, all the limitations of the amended claims of the current invention (claims 23 and 30). The discussion of the reasons for allowance shall be directed to claim 23 in which the Examiner shall designate as the primary invention in this application; however, the reasons for allowance

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will also apply to other indicated independent claim (claim 30). Particularly, the prior arts of record do not teach nor suggest all the combined limitations in each claim separately including method and system for assigning blocks of memory comprising an area of a memory designated for coordinating the assignment of the memory to one or more threads requiring access to the memory, wherein the area includes usage information reflecting usage of the memory, and a processor for performing a protocol of serializing access to the memory by the one or more threads based on the usage information, wherein the protocol *allows a first thread to access a first designated block of the memory while another thread requests and secures access to another block of the memory*. The prior arts of record do not further disclose the similar concept as being detailed in the method claim 30, in addition with the operation of "bypassing" or "without accessing the operating system". In light of the foregoing, claims 23 and 30 of the present application are found to be patentable over the prior arts.

Claims 24-26 and 31-34 further limit the allowable independent claims 23 and 30. These claims are therefore allowable for the same reason as set forth above.

Any comments considered necessary by Applicant must be submitted no later than the payment of the Issue Fee and, to avoid processing delays, should preferably accompany the Issue

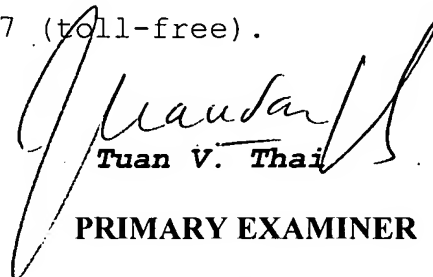
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Fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tuan V. Thai whose telephone number is (571)-272-4187. The examiner can normally be reached on from 6:30 A.M. to 4:00 P.M..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mathew M. Kim can be reached on (571)-272-4182. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

**TVT**/February 17, 2007

  
**Tuan V. Thai**

**PRIMARY EXAMINER**

**Group 2100**